

531

H.S.



PCT10

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/019,850

DATE: 01/19/2002

TIME: 11:48:02

Input Set : A:\478000.txt  
 Output Set: N:\CRF3\01182002\J019850.raw

ENTERED

3 <110> APPLICANT: Roche Diagnostics GmbH  
 5 <120> TITLE OF INVENTION: High density labeling of DNA with modified or  
 6 "chromophore" carrying nucleotides and DNA polymerases  
 7 used  
 9 <130> FILE REFERENCE: 4780/00/WO  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/019,850  
 C--> 12 <141> CURRENT FILING DATE: 2001-11-07  
 14 <160> NUMBER OF SEQ ID NOS: 26  
 16 <170> SOFTWARE: PatentIn Ver. 2.1  
 18 <210> SEQ ID NO: 1  
 19 <211> LENGTH: 20  
 20 <212> TYPE: DNA  
 21 <213> ORGANISM: Artificial Sequence  
 23 <220> FEATURE:  
 24 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
 26 <400> SEQUENCE: 1  
 27 tqqtgccacg tgctgaagaa 20  
 29 <210> SEQ ID NO: 2  
 30 <211> LENGTH: 19  
 31 <212> TYPE: DNA  
 32 <213> ORGANISM: Artificial Sequence  
 34 <220> FEATURE:  
 35 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
 37 <400> SEQUENCE: 2  
 38 agccggagag ctcacactc 19  
 40 <210> SEQ ID NO: 3  
 41 <211> LENGTH: 20  
 42 <212> TYPE: DNA  
 43 <213> ORGANISM: Artificial Sequence  
 45 <220> FEATURE:  
 46 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
 48 <400> SEQUENCE: 3  
 49 aqacagtaca gccagcctca 20  
 51 <210> SEQ ID NO: 4  
 52 <211> LENGTH: 21  
 53 <212> TYPE: DNA  
 54 <213> ORGANISM: Artificial Sequence  
 56 <220> FEATURE:  
 57 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
 59 <400> SEQUENCE: 4  
 60 gacttcaaat ttctgctcct c 21  
 62 <210> SEQ ID NO: 5  
 63 <211> LENGTH: 22

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/019,850

DATE: 01/19/2002

TIME: 11:48:02

Input Set : A:\478000.txt

Output Set: N:\CRF3\01182002\J019850.raw

64 <212> TYPE: DNA  
65 <213> ORGANISM: Artificial Sequence  
67 <220> FEATURE:  
68 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
70 <400> SEQUENCE: 5  
71 gcatggatcc cactqcccaq gg 22  
73 <210> SEQ ID NO: 6  
74 <211> LENGTH: 22  
75 <212> TYPE: DNA  
76 <213> ORGANISM: Artificial Sequence  
78 <220> FEATURE:  
79 <223> OTHER INFORMATION: Description of Artificial Sequence: first fragment  
80 of SEQ ID NO: 7-24  
82 <400> SEQUENCE: 6 22  
83 cgtacacctagg gtgacgggtc cc  
85 <210> SEQ ID NO: 7  
86 <211> LENGTH: 12  
87 <212> TYPE: DNA  
88 <213> ORGANISM: Artificial Sequence  
90 <220> FEATURE:  
91 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
92 fragment of SEQ ID NO: 6  
94 <400> SEQUENCE: 7  
95 cccceggccc ca 12  
97 <210> SEQ ID NO: 8  
98 <211> LENGTH: 12  
99 <212> TYPE: DNA  
100 <213> ORGANISM: Artificial Sequence  
102 <220> FEATURE:  
103 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
104 fragment of SEQ ID NO: 6  
106 <400> SEQUENCE: 8 12  
107 cccccctcccc ca  
109 <210> SEQ ID NO: 9  
110 <211> LENGTH: 12  
111 <212> TYPE: DNA  
112 <213> ORGANISM: Artificial Sequence  
114 <220> FEATURE:  
115 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
116 fragment of SEQ ID NO: 6  
118 <400> SEQUENCE: 9  
119 cccccacccc ca 12  
121 <210> SEQ ID NO: 10  
122 <211> LENGTH: 12  
123 <212> TYPE: DNA  
124 <213> ORGANISM: Artificial Sequence  
126 <220> FEATURE:  
127 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
128 fragment of SEQ ID NO: 6

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/019,850

DATE: 01/19/2002  
TIME: 11:48:02

Input Set : A:\478000.txt  
Output Set: N:\CRF3\01182002\J019850.raw

130 <400> SEQUENCE: 10  
131 aaaatcaaaa ta 12  
133 <210> SEQ ID NO: 11  
134 <211> LENGTH: 12  
135 <212> TYPE: DNA  
136 <213> ORGANISM: Artificial Sequence  
138 <220> FEATURE:  
139 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
140 fragment of SEQ ID NO: 6  
142 <400> SEQUENCE: 11  
143 ttttagtttg tg 12  
145 <210> SEQ ID NO: 12  
146 <211> LENGTH: 12  
147 <212> TYPE: DNA  
148 <213> ORGANISM: Artificial Sequence  
150 <220> FEATURE:  
151 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
152 fragment of SEQ ID NO: 6  
154 <400> SEQUENCE: 12  
155 qqqqtcgggc tc 12  
157 <210> SEQ ID NO: 13  
158 <211> LENGTH: 12  
159 <212> TYPE: DNA  
160 <213> ORGANISM: Artificial Sequence  
162 <220> FEATURE:  
163 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
164 fragment of SEQ ID NO: 6  
166 <400> SEQUENCE: 13  
167 ttttttcttg ct 12  
169 <210> SEQ ID NO: 14  
170 <211> LENGTH: 12  
171 <212> TYPE: DNA  
172 <213> ORGANISM: Artificial Sequence  
174 <220> FEATURE:  
175 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
176 fragment of SEQ ID NO: 6  
178 <400> SEQUENCE: 14  
179 tttccctctg gg 12  
181 <210> SEQ ID NO: 15  
182 <211> LENGTH: 12  
183 <212> TYPE: DNA  
184 <213> ORGANISM: Artificial Sequence  
186 <220> FEATURE:  
187 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
188 fragment of SEQ ID NO: 6  
190 <400> SEQUENCE: 15  
191 qggaaaagt tt 12  
193 <210> SEQ ID NO: 16  
194 <211> LENGTH: 12

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/019,850

DATE: 01/19/2002  
TIME: 11:48:02

Input Set : A:\478000.txt  
Output Set: N:\CRF3\01182002\J019850.raw

195 <212> TYPE: DNA  
196 <213> ORGANISM: Artificial Sequence  
198 <220> FEATURE:  
199 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
200 fragment of SEQ ID NO: 6  
202 <400> SEQUENCE: 16  
203 ccccccaccc ct 12  
205 <210> SEQ ID NO: 17  
206 <211> LENGTH: 12  
207 <212> TYPE: DNA  
208 <213> ORGANISM: Artificial Sequence  
210 <220> FEATURE:  
211 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
212 fragment of SEQ ID NO: 6  
214 <400> SEQUENCE: 17  
215 ccccccggcc ca 12  
217 <210> SEQ ID NO: 18  
218 <211> LENGTH: 12  
219 <212> TYPE: DNA  
220 <213> ORGANISM: Artificial Sequence  
222 <220> FEATURE:  
223 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
224 fragment of SEQ ID NO: 6  
226 <400> SEQUENCE: 18  
227 gggggcgggg ga 12  
229 <210> SEQ ID NO: 19  
230 <211> LENGTH: 12  
231 <212> TYPE: DNA  
232 <213> ORGANISM: Artificial Sequence  
234 <220> FEATURE:  
235 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
236 fragment of SEQ ID NO: 6  
238 <400> SEQUENCE: 19  
239 aaaaataaaa ac 12  
241 <210> SEQ ID NO: 20  
242 <211> LENGTH: 12  
243 <212> TYPE: DNA  
244 <213> ORGANISM: Artificial Sequence  
246 <220> FEATURE:  
247 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
248 fragment of SEQ ID NO: 6  
250 <400> SEQUENCE: 20  
251 tttttatttt ta 12  
254 <210> SEQ ID NO: 21  
255 <211> LENGTH: 18  
256 <212> TYPE: DNA  
257 <213> ORGANISM: Artificial Sequence  
259 <220> FEATURE:  
260 <223> OTHER INFORMATION: Description of Artificial Sequence: second

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/019,850

DATE: 01/19/2002  
TIME: 11:48:02

Input Set : A:\478000.txt  
Output Set: N:\CRF3\01182002\J019850.raw

261 fragment of SEQ ID NO: 6  
263 <400> SEQUENCE: 21  
264 aaaaaaaaaa aaaaaaaaaa 18  
266 <210> SEQ ID NO: 22  
267 <211> LENGTH: 18  
268 <212> TYPE: DNA  
269 <213> ORGANISM: Artificial Sequence  
271 <220> FEATURE:  
272 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
273 fragment of SEQ ID NO: 6  
275 <400> SEQUENCE: 22 18  
276 cccccccccc cccccccc  
278 <210> SEQ ID NO: 23  
279 <211> LENGTH: 18  
280 <212> TYPE: DNA  
281 <213> ORGANISM: Artificial Sequence  
283 <220> FEATURE:  
284 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
285 fragment of SEQ ID NO: 6  
287 <400> SEQUENCE: 23 18  
288 tttttttt tttttttt  
290 <210> SEQ ID NO: 24  
291 <211> LENGTH: 18  
292 <212> TYPE: DNA  
293 <213> ORGANISM: Artificial Sequence  
295 <220> FEATURE:  
296 <223> OTHER INFORMATION: Description of Artificial Sequence: second  
297 fragment of SEQ ID NO: 6  
299 <400> SEQUENCE: 24 18  
300 gggggggggg gggggggggg  
302 <210> SEQ ID NO: 25  
303 <211> LENGTH: 61  
304 <212> TYPE: DNA  
305 <213> ORGANISM: Artificial Sequence  
307 <220> FEATURE:  
308 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
310 <400> SEQUENCE: 25  
311 gttaagattc gcctctagcg gcgttagtact agcatcgcat gcagttgcat gaccagtgtat 60  
312 c 61  
314 <210> SEQ ID NO: 26  
315 <211> LENGTH: 20  
316 <212> TYPE: DNA  
317 <213> ORGANISM: Artificial Sequence  
319 <220> FEATURE:  
320 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer  
322 <400> SEQUENCE: 26 20  
323 aattctaagc ggagatcgcc

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/019,850

DATE: 01/19/2002

TIME: 11:48:03

Input Set : A:\478000.txt

Output Set: N:\CRF3\01182002\J019850.raw

L:11 M:270 C: Current Application Number differs, Replaced Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date